

# PATENT ABSTRACTS OF JAPAN

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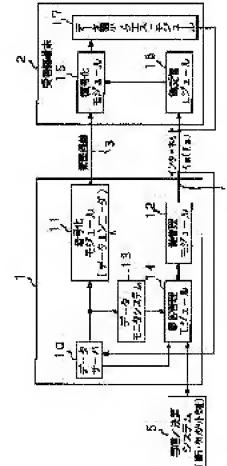
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## (54) CHARGING METHOD AND DEVICE FOR DATA TRANSMISSION SYSTEM

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To realize charging for a data unit or a data class and for each contractor while keeping confidentiality of the data in the case of using a high speed data channel with a large capacity such as a digital CATV channel or a satellite broadcast to conduct a data service.

**SOLUTION:** The device has an encryption module that encodes data and serves encrypted data and a key management module 12 that manages an encryption key to decode the encrypted data and the distribution of the encryption key, and the device transmits the encrypted data to a receiver side terminal 2 via a satellite circuit 3 and transmits the encryption key to the receiver side terminal 2 via the Internet 4. A customer management module 14 manages charging of data received by the receiver side terminal 2 depending on a distribution form of the encrypted key transmitted from the key management module 12 to the receiver side terminal 2.



## LEGAL STATUS

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